Dr. Marnie Rose was 27 and in the first year of a pediatric medical residency at Children’s Memorial Hermann Hospital in Houston, Texas when she was diagnosed with a rare form of brain cancer. Marnie courageously shared her story through the ABC reality series Houston Medical, which aired its final episode just five weeks before her death on August 23, 2002, from complications of the cancer. Her compelling story lives on, and has inspired those who knew her and have come to know her through the foundation established in her memory.

Please let us know what specific topics, issues or questions you wish to see addressed or emphasized in this activity. Fax or e-mail CME/Conference Management. All responses will be forwarded to the Program Chairs for consideration.
11:10  Targeting the Brain Tumor Methylome  
Vidya Gopalakrishnan, PhD

11:25  Genetic and Epigenetic Landscapes of Medulloblastoma Subgroups  
Paul A. Northcott, PhD

11:40  WHO Classification 2016: Update on Pediatric Tumors  
Greg Fuller, MD, PhD, AS

11:55  Adult Medulloblastoma: What We Know and What We Don’t Know  
Marta Penas-Prado, MD

12:15 pm  Panel Discussion

12:30  Lunch (provided) and Photo Shoot

Session #3: Preclinical Models to Clinical Trials  
Session Co-Chairs: Juan Fueyo-Margareto, MD and Vidya Gopalakrishnan, PhD

1:15  More Subgroups, More Models: Using Genomics and Epigenomics to Inform Brain Tumor Model Development  
Stephen C. Mack, PhD

1:35  A Comprehensive Panel of Patient-Derived Orthotopic Xenograft (PDOX) Mouse Models of Pediatric Brain Tumors  
Xiao-Nan Li, MD, PhD

1:55  What Can We Learn from Genetic Models of DIPG?  
Oren Josh Becher, MD

2:15  Panel Discussion

2:30  Break

General Session  
Session Co-Chairs: Leena Ketonen, MD, PhD; Susan L. McGovern, MD, PhD; David Sandberg, MD and Wafik Zaky, MBBCH

2:45  Direct Drug Delivery into the Fourth Ventricle of the Brain to Treat Recurrent Malignant Posterior Fossa Tumors  
David Sandberg, MD

3:00  Laser Interstitial Thermal Therapy for the Treatment of Brain Tumors  
Sujit S. Prabhu, MD

3:15  Evolving Surgical and Multidisciplinary Management Strategies of Pediatric Skull Base Cancers  
Shaan M. Raza, MD

3:30  Radiation Therapy for Pediatric Low Grade Glioma  
Mary McAleer, MD, PhD

3:45  Synaptic Toxicities of Radiation Therapy  
David R. Grosshans, MD, PhD

4:00  Neurocognitive Outcome Following Radiation for Pediatric Brain Tumors: Review and Emerging Directions  
Peter Stavinoha, PhD

4:15  Molecular Neuroimaging  
Dawid Schellingerhout, MD

4:30  Clinical Trials in NF  
John M. Slopis, MD

4:45  Discussion

5:10  Closing Remarks

5:15 pm  Adjourn

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